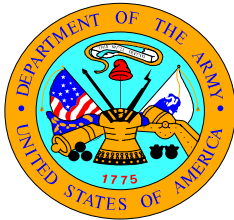


Joint Defense Manufacturing Technology Panel

Sustainment Readiness Working Group (S/RWG)



JDMAG/JTEG Meeting

15 November 00

Mr.. Rafael Reed
S/RWG Co-Chairman

AGENDA

- **Background (Team and Goals)**
 - **Rationale for Investment**
 - **Enhanced Mission Electronics Cost of Ownership DTO
(MP.07.06) Update**
-
- **Accomplishments for FY 2000 & Goals for CY 2001**
 - **Summary**

S/RWG Background

Membership

Ms. Rafael Reed (AF)*

Mr. James Mattern (N)*

Mr. Steve Rosenberg (A)

Mr. Alex Melnikow (DLA)

Mr. William Quinn (NCAT)

Mr. Phil VanBuren (DOE)

Ms. Terry Philippi (MTIAC)

Mr. Calvin Jaeger (DOE) Alternate

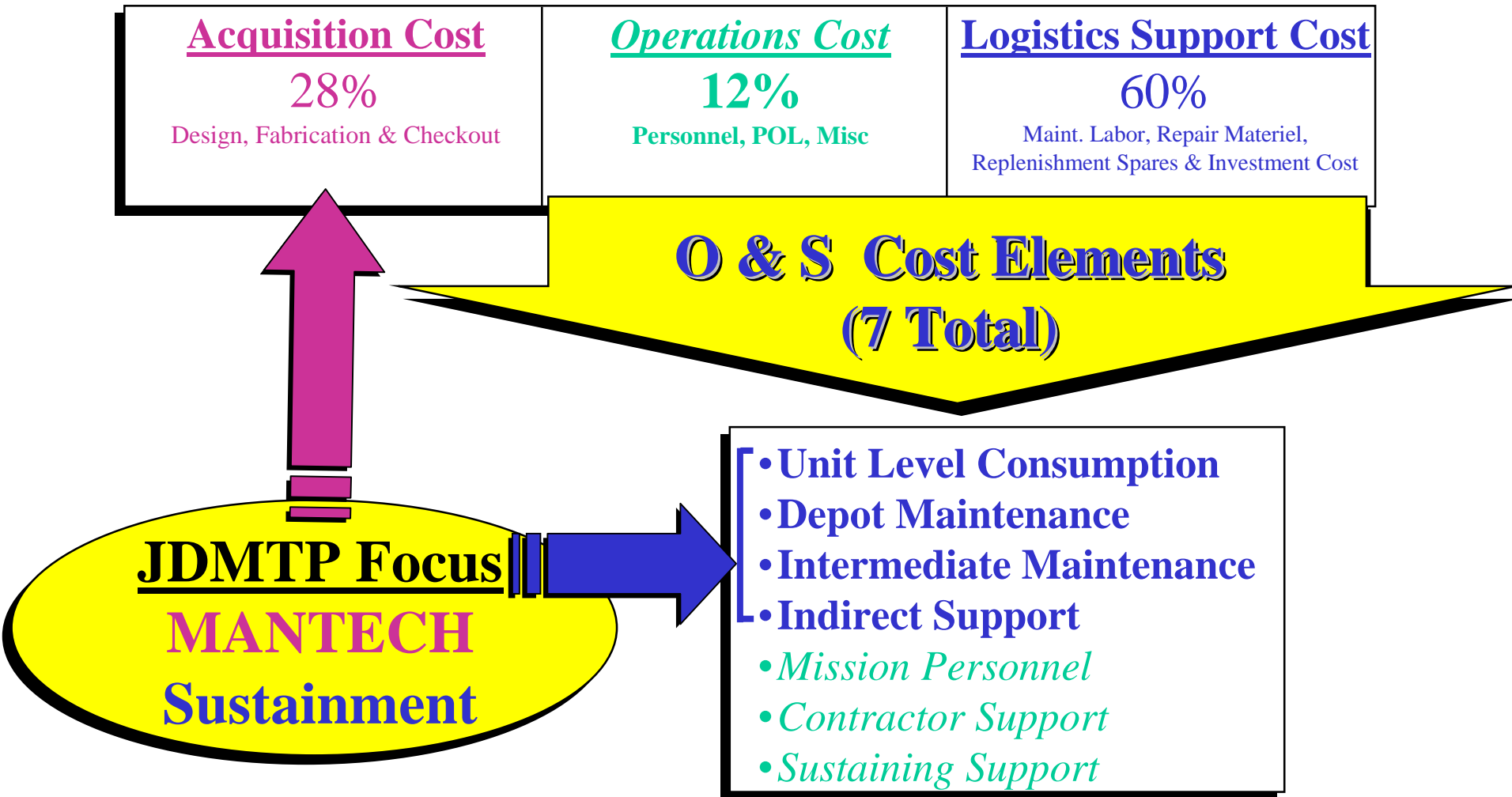
* Co-Chairmen

S/RWG Goal

- Stimulate a Robust Industrial Base Capable of Fully Supporting Defense Weapon System Life Cycle Requirements
 - Catalyze Reduced Life Cycle Costs Through Improved MRO Processes and enterprise enhancement
 - Facilitate Rapid, Quality Repair and Remanufacturing Throughput
 - Eliminate Waste and Inefficiencies

Rationale for Investment

(Life Cycle Cost of Ownership Drivers)



JDMTP Sustainment Investment Focus

Failure Avoidance

- Mission Aborts/Degraded Equipment Utilization
- Handling & Processing
- Increased Spares/Integrated Support Requirements
- Expanded Logistics Footprint (Mobility)

Enterprise Transformation

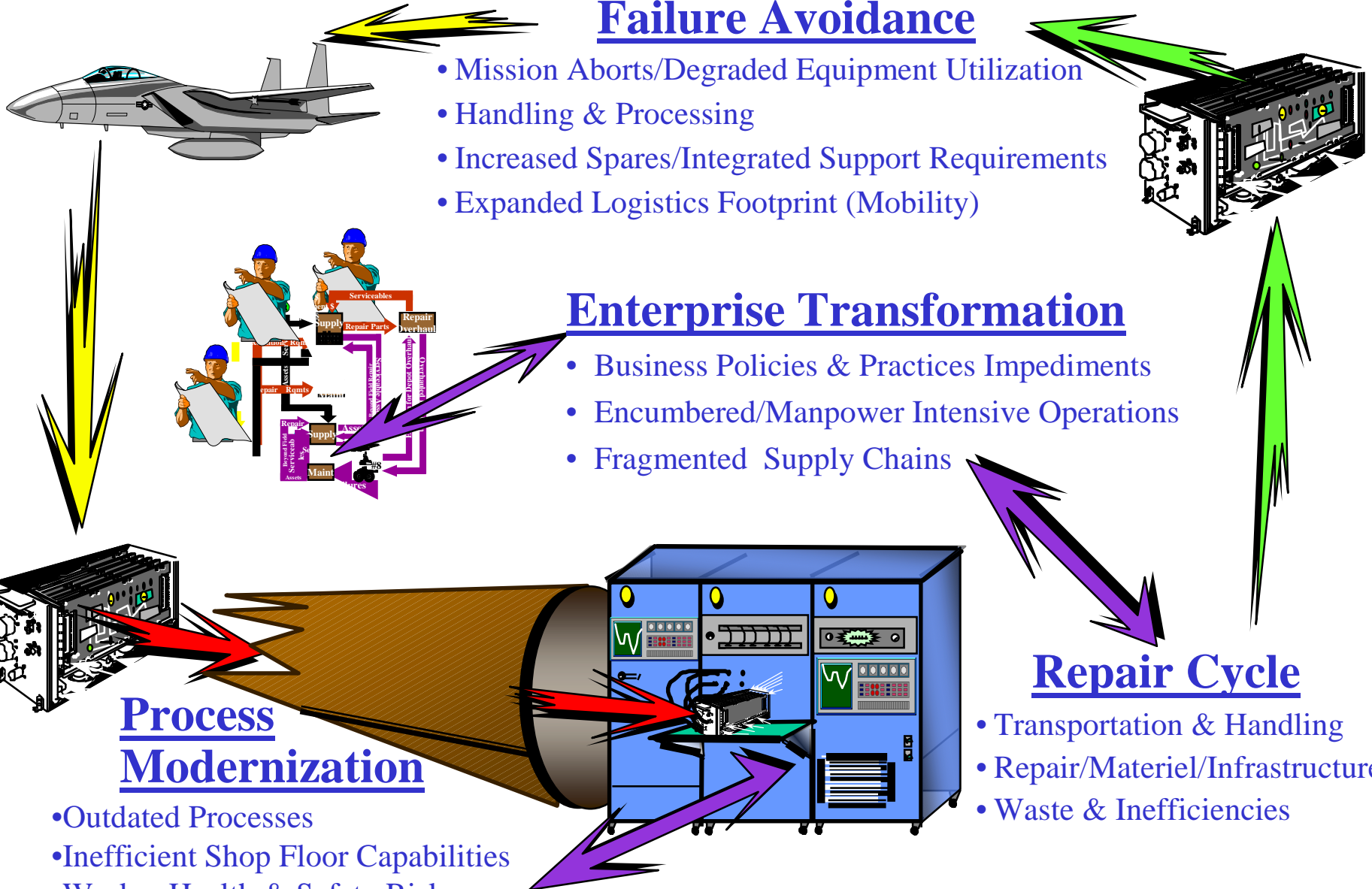
- Business Policies & Practices Impediments
- Encumbered/Manpower Intensive Operations
- Fragmented Supply Chains

Process Modernization

- Outdated Processes
- Inefficient Shop Floor Capabilities
- Worker Health & Safety Risks

Repair Cycle

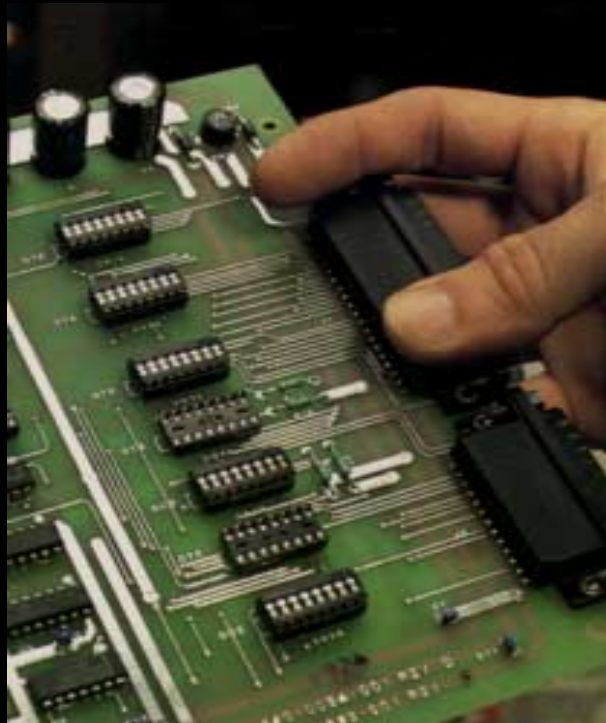
- Transportation & Handling
- Repair/Materiel/Infrastructure
- Waste & Inefficiencies



Enhanced Mission Electronics

Cost of Ownership DTO

(MP.07.06)



Enhanced Mission Electronics Cost of Ownership DTO

GOAL

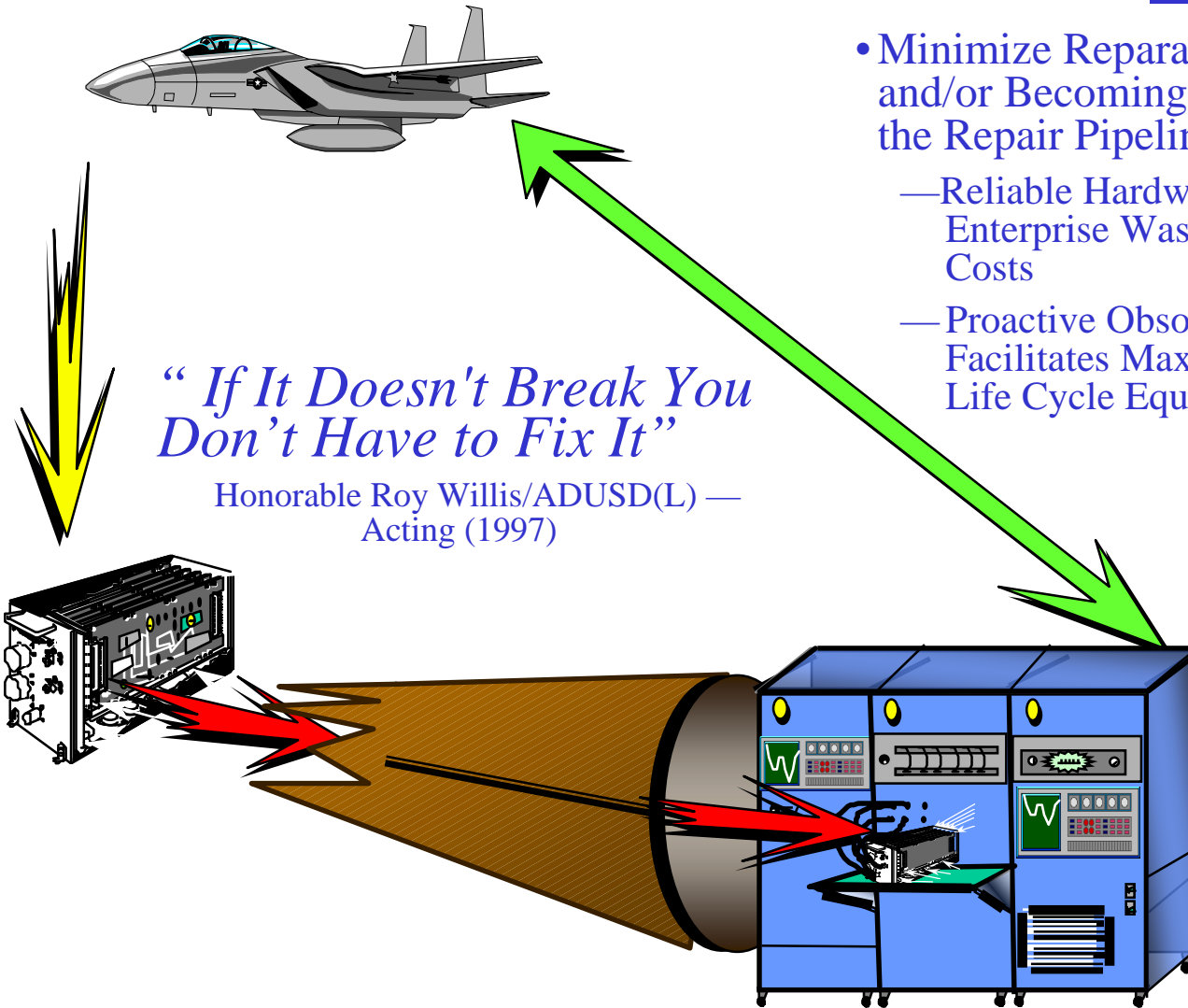
- Minimize Reparable Assets Entering and/or Becoming Frustrated Within the Repair Pipeline
 - Reliable Hardware Avoids All Enterprise Waste/Logistics Burden Costs
 - Proactive Obsolescence Management Facilitates Maximum/Affordable Life Cycle Equipment Utilization

“If It Doesn't Break You Don't Have to Fix It”

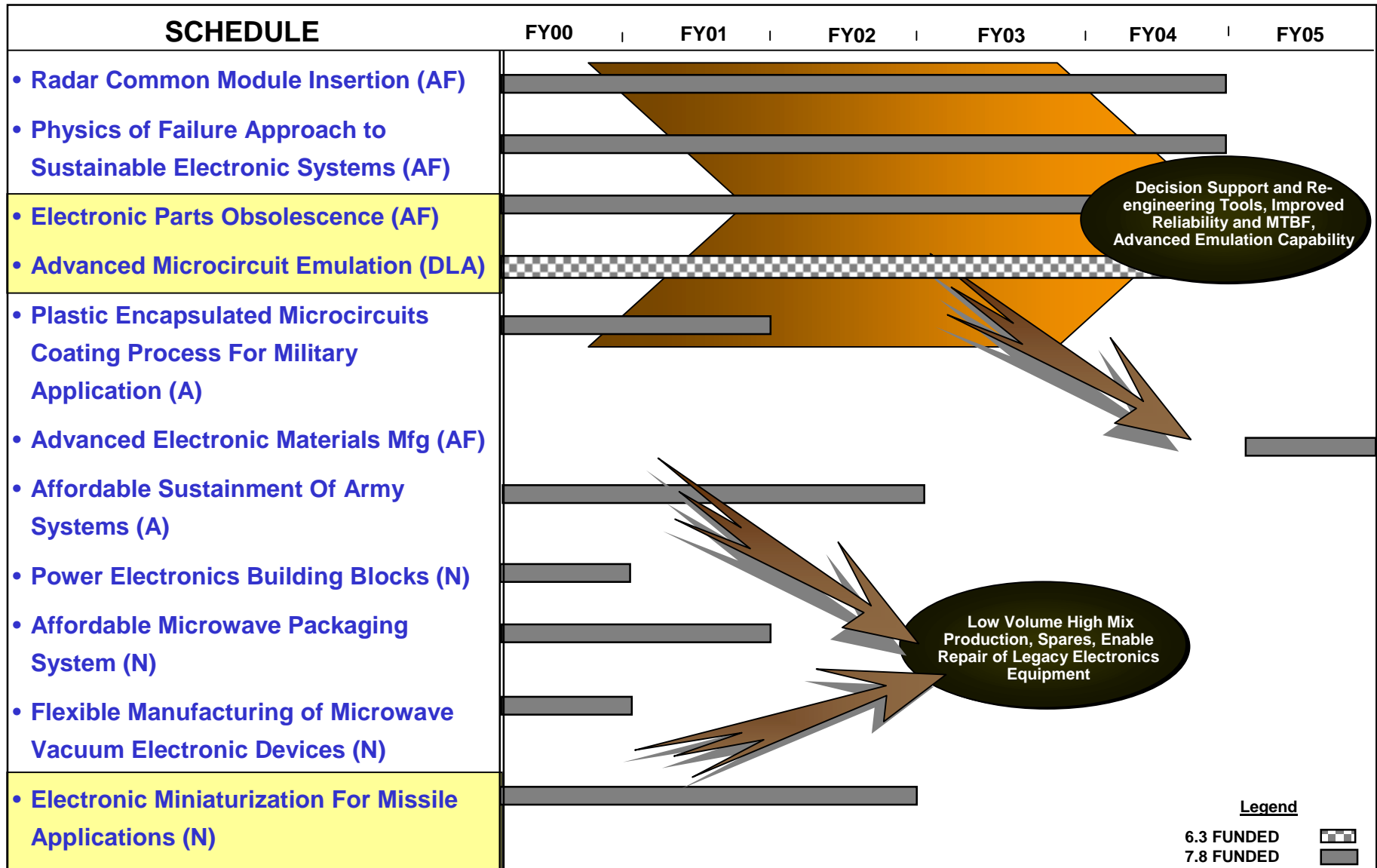
Honorable Roy Willis/ADUSD(L) —
Acting (1997)

Challenges

- World-Class Manufacturing Performance in Low Volume and/or High Mix Production
- Parts Obsolescence Support Resolution (Selected Areas)



ENHANCED MISSION ELECTRONICS COST OF OWNERSHIP



S/RWG Activity for FY 2000

- **DoD Maintenance Symposium, St. Louis, Nov 99**
 - S/RWG Display, Participation in Maintenance Technologies Tracks and customer (Warfighter) contact
- **DoD Manufacturing Conference, Ft. Lauderdale, Nov 99**
 - Sustainment VIP Panel and S/RWG Technical Sessions
- **MTIAC Newsletter - Current Awareness Bulletin (Summer 2000)**
 - S/RWG article & Sustainment Top Priority for DoD article (DMC Sustainment VIP Panel)
- **Long Range Planning/Special Studies**
 - Total Ownership Cost Reduction and Turbine Engine Repair Thrust
- **DTO (MP.07.06) Enhanced Mission Electronics Cost of Ownership presented at TARA, March 2000**
- **FY01-05 ManTech Five Year Plan**
 - Expanded S/RWG emphasis/input for Sustainment (Maintenance, Repair and Overhaul)
- **Initiated a Review of Service Projects**
 - Identify Common Requirements, Promote Technology Transition, Avoid Duplication and Plan for Joint Initiatives
- **Established Contact with Joint Depot Maintenance Activities Group/Joint Technology Exchange Group**
 - S/RWG Briefing at Nov JTEG Meeting and Explore possible joint service conference/workshop opportunities
- **Sustainment Updates/Input for DoD ManTech Program Website**

Summary

- **Co-Chairman are establishing New Direction and Goals**
 - **Progress of Enhanced Mission Electronics Cost of Ownership DTO (MP.07.06) to be tracked/monitored**
 - **S/RWG to explore new Partnerships and Opportunities**
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